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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V
POLLUTION REPORT

I.3
9/28/95

DATE: SEPTEMBER 28, 1995

FROM: PETE GURIA, OSC, RESPONSE SECTION 2, CHICAGO, IL

TO:

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DUTY OFFICER NATIONAL RESPONSE CENTER, WASH. D.C.....(US-MAIL)
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M.RETZLAFF, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY....(VIA-FAX)
CHICAGO FIRE DEPARTMENT.....(VIA-FAX)

SUBJECT: DAVID CHEMICAL SITE, REMOVAL ACTION, CHICAGO, IL

LATITUDE: 41°52'09.3" LONGITUDE: 87°44'30.4"

POLREP NO.: 14

SITE ID NO.: XG DELIVERY ORDER NO. : 5001-05-356

RESPONSE AUTHORITY: CERCLA NPL STATUS: NON-NPL

START DATE: **OCTOBER 18, 1994**

COMPLETION DATE:

1. SITUATION:

- A. Removal activities at the David Chemical (DC) nearing completion. Building demolition and shipment of non-hazardous demolition debris is complete. Removal of contaminated soils 85% complete. Backfilling of confirmed clean areas has begun.
- B. Site operations expected to continue at a smooth and efficient pace. Congress has approved a continuing resolution to allow the country to keep running at full strength. Site shutdown not expected. Expect to complete removal action by 10/6.
- C. Site has remained secure. 24 armed guard patrol continues. Weather has ranged from unseasonably cold with frost forming in evenings, to sunny warm days with highs in the 80's. Weather, conditions have not stalled or hampered crew activities.

2. ACTIONS TAKEN:

- A. Mobilized PC 400 trackhoe and hydraulic shear 9/19 to begin building demolition. Building demolition complete by 9/21. Removal of all non-hazardous demolition debris complete 9/22. A total of 43 roll-off boxes were transported off-site to a local landfill for disposal, of which 16 boxes contained scrap metal for a total of approximately 376 yds³, and 27 boxes contained non-hazardous debris for approximately 351 yds³. The scrap metal was sent to local scrap yard for

recycling.

- B. On 9/22 the demo-shears were switched for a 4 yd³ bucket for excavation. Began excavation of contaminated concrete and soil 9/22. Mobilized track loader 9/22 to assist with moving excavated material, loading end dump trucks, and to place fill on excavated areas. Excavated material stockpiled at SE corner of the site to facilitate loading trucks for shipment.
- C. Mobilized portable scales to ensure legal axle and gross weight of each truck loaded. Began loading and transport of concrete, soil, and debris waste 9/24. A total of 89 truckloads of chromium contaminated waste have been shipped to date for a total of 1,986 tons. All material is being shipped to the Envirosafe Services of Ohio, hazardous waste landfill for disposal.
- D. TAT developed a sampling and analysis plan to determine relative inorganic background levels for the general area surrounding the site. Four background samples were collected within a 2-block radius by the OSC and TAT on 9/22 and sent to IEA laboratory for analysis. This data, along with IEPA data generated for Metropolitan Statistical Areas (MSAs), will determine the background level for chromium to be achieved during the clean-up. Analytical results were received 9/25, and background calculated to range from 2.4 to 42.7 ppm (avg=22.4, w/std dev.=20.3).
- F. On 9/25, 9/26, and 9/27 confirmation samples were collected and sent to the IEA laboratory for 24 hour turn around analysis. The excavation was divided into 4 equal quadrants, and a composite sample to be collected from each. Results for the first three quadrants reveal levels below the background range. The NE quadrant had to be re-excavated/resampled because analytical results of the first dig were found to be at 190 ppm and above the clean-up standard.
- G. On 9/26 the PC200 track hoe was taken off rent, deconned, and demobed 9/27. Remaining work will be completed with the PC 400 trackhoe and the track loader. No additional equipment needs are foreseen at present.

3. PLANS:

- A. Excavation activities nearly complete. Only small 40'x60' section remains. Expect to complete excavation and shipment of waste by 10/3. Backfilling began 9/28, and remainder of work will be repairing/restoring site, demobing equipment, and housekeeping. Expect site demobe to occur by 10/6.
- B. Continue coordinating with City of Chicago officials for city to secure the site at the completion of removal actions. The site is located in an area where fly-dumping is a regular occurrence.
- C. Continue cost recovery efforts with identified and to-be-identified PRPs.

4. KEY ISSUES:

- A. Excavation along the east side of the building have revealed deeper and widespread chromium contamination than first thought. Appears to be thin layer of plating waste extending

to the north and east alley away from the building. This may be the result of plating activities that have been identified to operate at this location in the 1960's.

- B. ORC pursuing placement of property lien at the conclusion of the removal. This to assist in cost recovery actions.

5. COSTS:

A. Case open;

B. Costs through 09/26/95;

	<u>BUDGETED</u>	<u>TOTAL to DATE</u>	<u>REMAINING</u>
ERCS	\$1,288,525 ⁽¹⁾	\$ 959,285.68	\$ 28,939.32
TAT	150,000	101,412.58	48,587.42
USEPA-DIR	44,550	27,165.00	17,385.00
USEPA-INDR	82,350	55,077.65	27,272.35
TOTALS	\$1,265,125	\$1,142,940.91	\$ 122,184.09

- (1) Includes delivery order ceiling increases of \$50,000 on 9/28, and \$250,000 received 2/1/95.

END